

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-023943

(43)Date of publication of application : 29.01.1999

(51)Int.Cl.

G02B 7/08  
 G02B 7/09  
 G02B 7/04  
 G03B 17/18  
 H04N 5/232

(21)Application number : 09-172517

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(22)Date of filing : 27.06.1997

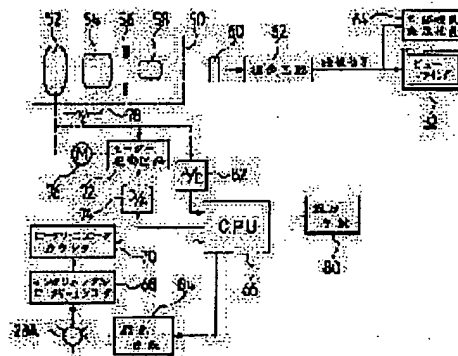
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## (54) LENS OPERATING DEVICE

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a lens operating device capable of preventing the trouble of an operating member to enable the device to easily recognize that a moving lens reaches a starting end or a terminating end by the change of a load imposed on the operation of the operating member, vibration, sound and light, etc., without checking the operating member driving the moving lens.

**SOLUTION:** When a focusing ring 28A is operated rotatively, a CPU 66 detects the rotational angle of the lens 28A by using an encoder 68. The CPU 66 outputs a control signal to a motor driving circuit 72 based on the detected rotational angle and moves a focusing lens 52 by using a motor 76. When the CPU 66 detects that the lens 52 reaches a closest end or an infinite end, it outputs a driving signal to a driving means 84 to make a load imposed on the rotation of the ring 28A heavy. Thus, a cameraman detects that the ring 28A reaches a checking end.



## LEGAL STATUS

[Date of request for examination]

06.04.2004

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

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